



FIG. 2

1 ggagcggggc gccgggtccg gcaggatgcg ctaccgggca tcggccctgg gcagtgcgg  
61 ggttcgagt accatggaga ggccttgac tgcccgagac cgggtagggg tgcaggactt  
121 tgtctgctg gagaattca ccagtgggc tgccttcatt gagaacctcc ggcggcgggt  
181 ccgggagaac ctcatcata cctacatcg tctgtccta gtctctgtca atccctaccg  
241 agacctacag atctacagcc ggcagcatat ggaacgtac cgtggtgtca gtttctatga  
301 agtaccacct cattgtttg cagtggctga cactgtatac cgggcacttc gtactgagcg  
361 tcgggaccag gcagtgtga ttctggaga gagtggggca ggcaagacag aggccaccaa  
421 gagactgtc cagtctatg cagagacctg cccagccct gaacgggggtg gcgcagtgcg  
481 agaccgctg ttgcagagca acccgtgtt agaggcctt gggaatgcc agactctccg  
541 caacgataac tccagccgt ttgaaagta catggatgtg cagttgact tcaagggtgc  
601 cccgtggga ggccacattc tcagttacct cctggaaaag tcccggtgg tgcacaaaa  
661 tcacggagag cggaacttc acgtcttta ccagctactg gagggggcg aggaggagac  
721 tctccgtcg ctgggttg aacggaacc ccagagctac ttgtacctgg tgaaggcca  
781 gtgtccaag gtctctcca tcaacgaca gagtactgg aaggttatga ggaaggcgt  
841 gtccgtcatt gacttactg aggatgaagt ggaggactg ctgagcatcg tggccagcgt  
901 cctacatcg ggcaacatcc acttctgtc tgacaggac agcaatgcc aggttactac  
961 tgagaaccag ctcaaatac tgaccaggct cttggtgtg gaaggtacaa cacttaggga  
1021 agccctgacc cacaggaaga tcacgccaa gggggaagag ctctgagcc cactgaacct  
1081 tgaacaggcg gcatatgcaa gggatgcgt tgccaaggct gtgtacagcc ggacattcac  
1141 ctggctggtc agaaagatca ataggtcact ggcctctaag gacgtgaga gcccagctg  
1201 gcgaagcacc acggttctg ggctctgga cattacggc ttgaagtgt ttacgataa  
1261 cagcttcgag cagttctga tcaactact caatgagaag ctgcagcagc tctcatoga  
1321 gctgacttc aagtcggagc aggaggaata cgaggctgag ggcatcgcgt gggaacctgt  
1381 ccagtactc aacaacaaga tcactgtga cctggtagag gagaagtca agggcatcat  
1441 ctccatctg gatgaagagt gcctgcgtc tggggaggcc acggacctga ctttctgga  
1501 gaagtggag gacactgca agccccacc tcaactctg acgcacaagc tcgtgacca  
1561 gaagaccagg aaatccctag accgaggga gttccgctt ctgcattatg ctggagaggt  
1621 gacctacgt gtgactgggt ttctggataa aaacaatgac ctctcttc ggaacctgaa  
1681 ggagaccatg tgcagctcaa tgaacccat catggcccag tgcttgaca agagttagct  
1741 cagtgacaag aagcgccag agacgtggc caccagtc aagatgagcc tctgcagct  
1801 cgtggagatc ctgaggtcta aggagcctgc ctatatccg tgcatcaagc caaacgacg  
1861 caagcagccg ggtcgtttg atgaggtgt catccgacat caggtgaagt acctgggact  
1921 gatggagaat ctgcgctgc gcagagctgg cttgcctat cgtcgcaaat atgaggctt  
1981 cctgcagagg tacaagtcac tgtgccaga gacatggccc atgtgggcag gacggccca  
2041 ggatggtgt gccgtgttg tcagacacct cggctacaag ccagaagagt acaaatggg  
2101 caggactaag atctcatcc gattcccaa gacattatt gccacagagg actccctgga



FIG. 2 (continued)

2161 agtccggcgg cagagtctag ccaccaagat ccaggcggcc tggaggggct ttcattggcg  
2221 acagaaattt ctccgggtga agcgtacgc catctgtatc cagtcattgtt ggcgtggcac  
2281 actgggccgg aggaaggcag ccaagaggaa gtgggcagcc cagaccatcc gtgcactcat  
2341 ccgtggcttc attttgcgcc attaccccg gtgccttgag aatgccttct tcttggacca  
2401 cgtgcgcgcc tcatttttgc ttaacctgag gcggcaactg ccccggaatg ttctggacac  
2461 ctcttgcccc acacccccac ctgccttgag agaggcctca gaactgtac gggaaactgtg  
2521 catgaagaac atggtgtgga agtactgccg gagcatcagc cctgagtgga agcagcagct  
2581 gcagcaaaag gcggtggcta gtgaaatttt caagggaag aaggacaact acccccagag  
2641 tgtccccaga ctcttcatta gcacacggct tggcacagag gagatcagcc ccagagtgt  
2701 tcaatccttg ggctctgaac ccatccagta tgccgtgccc gtggtaaaat acgaccgtaa  
2761 gggttacaag cctcgcccc ggcagctgtc gtcacgccc agtgctgtgg tcattgtgga  
2821 ggatgctaaa gtcaagcaga gaattgatta tgccaacct accggaatct ctgtcagtag  
2881 cctgagtgt agcctatttg tgcttcactg gcagcgtgaa gacaacaagc agaagggaga  
2941 tgtggtgctg cagagtgtatc atgtgatcga gacactaacc aagacggccc tcagtgtga  
3001 ccgctgtaac aatatcaaca tcaaccaggg cagcataacg ttgcagggg gtccaggcag  
3061 ggacggcatc attgacttca catcgggctc agagcttctc atcaccaagg ctaagaatgg  
3121 ccacctggct gtggtggccc cagcgctgaa ttctoggtga tgaaggctgc ggtggaccgc  
3181 tctgactcc tgatgcttcc cttagtcccc tctccctc cgaactacca aaaactcaag  
3241 ctccaaaca gggatccatg gacacctca aaaccacgc tgcaactcc tgcttctgc  
3301 tcgccccctc ttgaggtgat caggagccag ggagctaccc catgagtggg ccaggccggg  
3361 ccacaccaat agaaaagcag aggcctgagc aggccaggcc agccctctgc tgatgcaaaa  
3421 tatctaagac aagggaattt taactgaggt ttctctgag atttttgat gctttatagg  
3481 aaactatttt tttaagaaag ccatttctc accctaaaca cactggatgt gttttccct  
3541 gcctcgaaca gggcaaggaa tgtaactgaa agactgactg ggctgggctg gaaggtcctc  
3601 ttcttggcca acccttctt attccttct ctgcctgtcc atccactgc acccttagc  
3661 cca

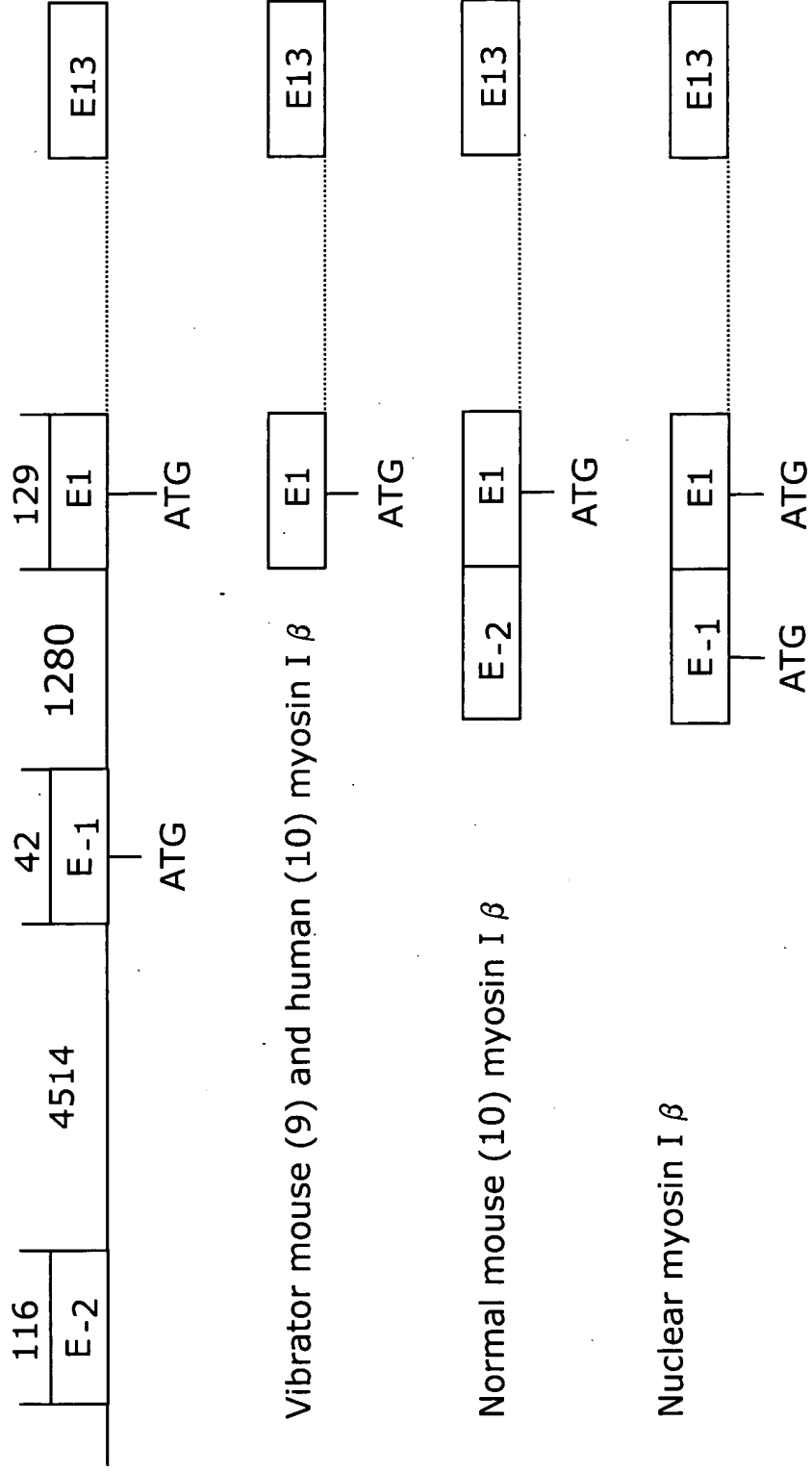


Figure 3A

Start site for NMIB  
↓  
M R Y R A S A L G S  
AGCGGGCGCCGGTCCGGCAGG ATG CGC TAC CGG GCA TCG GCC CTG GGC AGT

Consensus MI start site  
↓  
D G V R V T M E S A L T A R  
GAC GGG GTT CGA GTG ACC ATG GAG AGC GCC TTG ACT GCC CGA GAC CGG GTA

Figure 3B





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Figure 4A

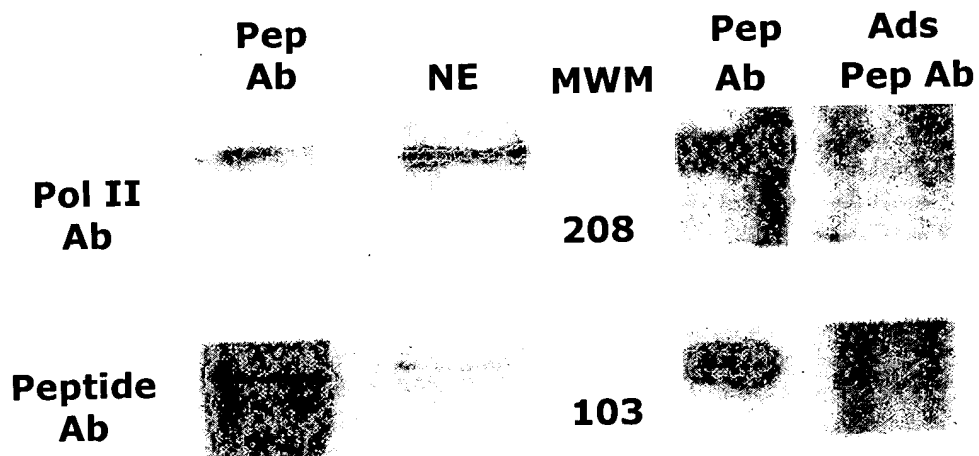


Figure 4B

